

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

FULL-SCALE SOYBEAN HARVEST IS QUICKLY APPROACHING

The dry weather during the growing season has caused soybeans to be pushed to maturity and full-scale soybean harvest is quickly approaching, according to the Minnesota Agricultural Statistics Service. Scattered fields have already been harvested. There are widespread reports that corn fields are uneven and many ears are not filled to the tips. The state received cooler temperatures this week with the statewide average temperature 1.5 degrees below normal. Statewide topsoil moisture conditions as of September 14<sup>th</sup> were rated 9% very short, 29% short, 59% adequate, and 3% surplus.

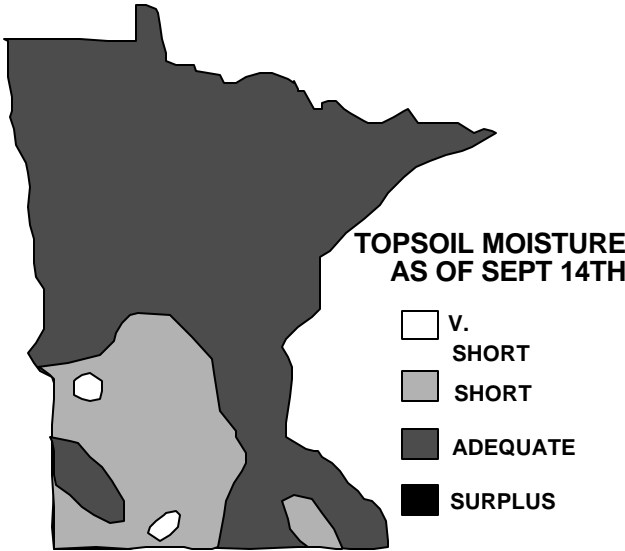
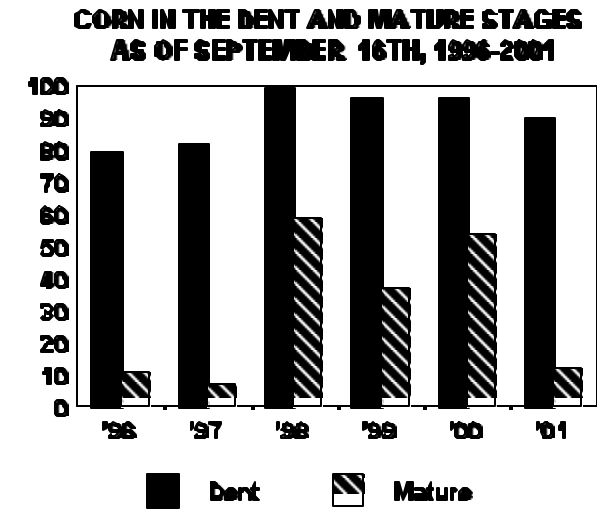
Corn in or past the dent stage is 90% as of Sunday, September 16<sup>th</sup>, compared with 96% last year and 90% for the 5-year average. Corn is 12% mature, compared with 54% last year and 34% for the 5-year average. The corn silage harvest is in full swing at 50% completed, versus last year's 75%, and 52% for the 5-year average. Corn condition is rated 35% good to excellent, up 4 percentage points from last week's rating.

Soybeans are turning yellow on 73% of the acres, compared with last year's 92% and the 5-year average of 84%. Soybeans are dropping leaves on 34% of the acreage versus 69% last year and 48% for the 5-year average. The soybean condition rating of good to excellent is 46% compared to last week's rating of 44%.

The last cutting of alfalfa is near completion. Pasture conditions increased slightly due to the rainfall received this week but continue to suffer in many areas. Pasture conditions are rated as 28% good to excellent, up from 27% last week.

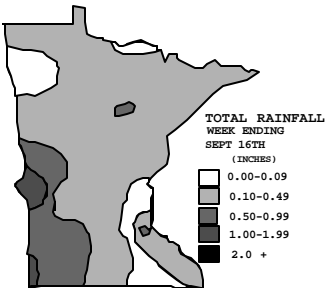
Processors' sweet corn harvest is at 88% complete, compared to last year's 91% and the 5-year average at 89%.

Days Suitable for Fieldwork: 5.6					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		9	29	59	3
Crop Progress as of September 16, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Dent	90	96	69	90
	Mature	34	54	7	12
	Silage Cut	52	75	27	50
Soybeans	Turning Yellow	84	92	54	73
	Dropping Leaves	48	69	16	34
	Mature	16	29	1	6
Winter Wheat	Seeded (for 2002)	74	75	60	85
Rye	Seeded (for 2002)	69	66	45	78
Sweet Corn	Harvested	89	91	82	88
Dry Beans	Harvested	43	36	18	34
Canola	Harvested	NA	91	65	80
Potatoes	Harvested	28	24	13	21
Grain/Hay	Stubble Worked	60	67	53	58
Sugarbeets	Harvested	5	7	NA	3
Crop Condition as of September 14 <sup>th</sup>					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	9	25	38	25	3
Corn	6	14	45	31	4
Soybeans	5	12	37	42	4
Dry Beans	4	21	34	37	4
Potatoes	3	7	32	42	16
Sunflowers	1	5	25	54	15
Sugarbeets	9	10	26	41	14



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 16, 2001:

Temperatures averaged from 0.6 degree below normal in the East Central District to 2.1 degrees below normal in the North Central and West Central Districts. Extremes: 28° in Hibbing; 86° in Hutchinson, Redwood Falls. Precipitation averaged from 0.67 inch below normal in the South Central and Northeast Districts to 0.28 inch above normal in the Southwest District. Greatest weekly total was 1.65 inches.



Precipitation and Temperature Summary for 09/10/2001 through 09/16/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	72	40	55.1	-2.5	0	-.57	-.53	2.18	2111	119
Moorhead	74	44	56.0	-2.7	.20	-.27	-.46	1.30	2165	57
Warroad	71	36	55.0	.1	.18	-.44	2.51	10.89	1931	215
<u>NC DIST 2</u>										
Grand Rapids	73	39	54.7	-.5	.58	-.21	-1.87	.78m	1801m	98m
Intl. Falls	66	32	51.3	-2.8	.09	-.68	-1.04	6.41	1793	144
Itasca	69	37	52.4	-2.8	.35	-.35	-.60	1.87	1915	168
<u>WC DIST 3</u>										
Duluth	67	34	53.2	-1.7	.10	-.83	-2.57	1.80	1689	121
Grand Marais	68	41	53.5	-2.1	.13	-.74	-1.56	5.47	1044	-203
Hibbing	69	28	51.2	-2.3	.32	-.43	-2.36	-2.26	1711	174
<u>WC DIST 4</u>										
Alexandria	73	44	55.6	-3.3	.53	-.09	.35	-2.09m	2119	10
Browns Valley	77	45	57.1	-2.5	1.02	.51	-.70	3.57	2235	48
Canby	84	46	59.1	-2.3	.97	.35	.72	5.02	2377	19
Fergus Falls	77	44	56.4	-1.8	.70	.12	1.51	5.35	2258	203
Montevideo	81	45	58.8	-1.5	.44	-.21	-.56	3.33	2236	-3
Morris	76	45	57.2	-1.5	1.19	.64	3.10	7.61	2216	135
<u>CENT DIST 5</u>										
Becker	83	46	58.6	.3	.11	-.71	-1.65	.39	2262	265
Hutchinson	86	49	60.2	-.5	.15	-.43	-.70	.19	2344	112
Olivia	85	41	59.8	-1.4	.53	-.11	-.06	-.92	2287	-20
St. Cloud	79	43	57.0	-1.1	.12	-.64	-1.19	1.72	2113	128
Staples	72	45	55.2	-1.7	.35	-.32	.03	6.26	1999	122
Willmar	82	49	59.8	-.5	.22	-.50	-.71	-1.32	2286	93
<u>EC DIST 6</u>										
Aitkin	71	40	54.6	-2.0	.12	-.63	-1.07	1.99	1977	165
Cambridge	82	46	60.4	1.8	.09	-.74	1.10	5.50m	2078m	22m
MSP Airport	83	50	60.8	-.6	.07	-.57	-.79	5.19	2455	130
St. Paul - UofM	83	47	61.8	-1.6	.09	-.66	-1.95	2.97	2458	43
<u>SW DIST 7</u>										
Lamberton	83	47	59.4	-1.5	.57	-.16	-.05	5.43	2256	-3
Pipestone	84	43	58.2	-1.4	1.32	.58	.03	4.05	2279	135
Redwood Falls	86	47	59.4	-3.0	.55	-.08	-.87	-2.10	2316	-82
Worthington	83	46	58.6	-1.4	.98	.16	-2.02	1.55	2289	130
<u>SC DIST 8</u>										
Faribault	80	48	59.1	-1.5	.07	-.82	-.57	3.72	2218	30
Waseca	80	48	59.4	-1.0	.12	-.74	.11	4.77	2274	117
Winnebago	81	48	59.6	-1.2	.31	-.46	-1.98	.21	2270	49
<u>SE DIST 9</u>										
Preston	80	41	58.9	-.7	.06	-.95	.47	.14	2234	183
Red Wing	81	48	60.0	1.5	.24	-.72	-1.34	-1.39	2276	288
Rochester	78	43	57.8	-2.2	.19	-.65	1.56	8.32	2101	-9
Rosemount	81	46	60.0	.1	.72	-.14	-.88	-1.13m	2269	115
Winona	82	47	60.5	-.8	.21	-.73	2.66	4.57	2304	93

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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